

## ABSTRACT

The invention provides a method for reducing formation or progression of neoplasms associated with immunosuppressive therapy in a mammal, the method comprising treating the mammal with an effective amount of a TGF- $\beta$  antagonist. Also provided are compositions comprising a TGF- $\beta$  antagonist and an immunosuppressive agent such as cyclosporin or FK506. The TGF- $\beta$  antagonists of the invention include proteins and polypeptides that bind TGF- $\beta$  receptors, anti-TGF- $\beta$  antibodies, TGF- $\beta$  receptors and fragments thereof. In another aspect the invention provides methods for identifying compounds capable of inhibiting the formation or proliferation of tumors in a mammal undergoing immunosuppressive therapy.